

WHAT IS CLAIMED IS:

1. An image forming system comprising:  
an electronic device having  
recording means for recording an image sensing  
5 condition of a target image together with the image, and  
reproduction means for reproducing the image  
recorded by said recording means; and  
an image forming apparatus having  
setting means for setting an image forming  
10 condition in accordance with the image sensing  
condition; and  
image forming means for forming the image under the  
image forming condition set by said setting means.
2. The system according to claim 1, wherein said image  
15 forming means comprises means for forming an image by  
ink-jet recording.
3. The system according to claim 1, wherein the image  
forming condition is restricted by an ink-jet recording  
method.
- 20 4. The system according to claim 3, wherein the image  
forming condition includes a first ink consumption mode  
having a predetermined ink consumption amount, and a  
second ink consumption mode having an ink consumption  
amount larger than the first ink consumption mode.
- 25 5. The system according to claim 3, wherein the image  
forming condition includes quality of the image to be

formed.

6. The system according to claim 3, wherein the image forming condition includes an ON/OFF state of reciprocal printing.

5 7. The system according to claim 1, wherein the image sensing condition includes the presence/absence of use of auxiliary light.

8. The system according to claim 1, wherein said recording means includes photoelectric conversion means  
10 for converting the target image into an image signal.

9. The system according to claim 8, wherein said recording means includes storage means for storing image information photoelectrically converted by said photoelectric conversion means.

15 10. An image forming system comprising:  
an electronic device having  
recording means for recording an image sensing  
condition of a target image together with the image, and  
reproduction means for reproducing the image

20 recorded by said recording means;

an image forming apparatus having  
setting means for setting a forming condition,  
and

image forming means for forming an image under the  
25 forming condition; and

mediation means for mediating the image sensing

condition and the forming condition set by said setting means.

11. The system according to claim 10, wherein said electronic device and said image forming apparatus are  
5 connected via a serial bus.

12. The system according to claim 11, wherein said serial bus complies with USB standards.

13. The system according to claim 11, wherein said serial bus complies with IEEE1394 standards.

10 14. The system according to claim 10, wherein said mediation means is included in said electronic device.

15. The system according to claim 10, wherein said mediation means is included in said image forming apparatus.

15 16. The system according to claim 10, wherein said mediation means mediates the forming condition while assigning priority to quality of the image to be formed.

17. An image forming apparatus used together with an electronic device having reproduction means for  
20 reproducing an image recorded by recording means for recording an image sensing condition of a target image together with the image, comprising:

setting means for setting an image forming condition in accordance with the image sensing  
25 condition; and

image forming means for forming an image under the

image forming condition set by said setting means.

18. The apparatus according to claim 17, wherein said image forming means comprises means for forming an image by ink-jet recording.

5 19. The apparatus according to claim 17, wherein the image forming condition is restricted by an ink-jet recording method.

20. The apparatus according to claim 19, wherein the image forming condition includes a first ink consumption  
10 mode having a predetermined ink consumption amount, and a second ink consumption mode having an ink consumption amount larger than the first ink consumption mode.

21. The apparatus according to claim 19, wherein the image forming condition includes quality of the image to  
15 be formed.

22. The apparatus according to claim 19, wherein the image forming condition includes an ON/OFF state of reciprocal printing.

23. The apparatus according to claim 17, wherein the  
20 image sensing condition includes the presence/absence of use of auxiliary light.

24. The apparatus according to claim 17, wherein said recording means includes photoelectric conversion means for converting the target image into an image signal.

25 25. The apparatus according to claim 24, wherein said recording means includes storage means for storing image

information photoelectrically converted by said  
photoelectric conversion means.

26. An image forming apparatus used together with an  
electronic device having reproduction means for  
5 reproducing an image recorded by recording means for  
recording an image sensing condition of a target image  
together with the image, comprising:

setting means for setting a forming condition, and  
image forming means for forming an image under the  
10 forming condition; and

mediation means for mediating the image sensing  
condition and the forming condition set by said setting  
means.

27. The apparatus according to claim 26, wherein said  
15 electronic device and said image forming apparatus are  
connected via a serial bus.

28. The apparatus according to claim 26, wherein said  
serial bus complies with USB standards.

29. The apparatus according to claim 26, wherein said  
20 serial bus complies with IEEE1394 standards.

30. The apparatus according to claim 26, wherein said  
mediation means is included in said electronic device.

31. The apparatus according to claim 26, wherein said  
mediation means is included in said image forming  
25 apparatus.

32. The apparatus according to claim 26, wherein said

mediation means mediates the forming condition while  
assigning priority to quality of the image to be formed.

33. An image forming method for forming an image in  
accordance with an image signal from an electronic  
5 device having reproduction means for reproducing an  
image recorded by recording means for recording an image  
sensing condition of a target image together with the  
image, comprising the step of:

setting an image forming condition of image forming  
10 means in accordance with the image sensing condition.

34. A storage medium for storing a computer program for  
forming an image in accordance with an image signal from  
an electronic device having reproduction means for  
reproducing an image recorded by recording means for  
15 recording an image sensing condition of a target image  
together with the image, said program including the  
processing step of setting an image forming condition of  
image forming means in accordance with the image sensing  
condition.